

Work Order ID 79219

January-24-12 7:55:58 AM

Joe Fink
79219

Page 1

Item ID: DSI 9577-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cushion Installation

Start Date: 1/23/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/24/12 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *W*

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

DSI 9577

A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP DSI 9577-011 CHG001

8/12/12/24

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

8/14/12/24 ①

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

8/12/12/24

②

Work Order ID 79219

January-24-12 7:55:58 AM

79219

Page 2

Item ID: DSI 9577-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cushion Installation

Start Date: 1/23/12 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/24/12 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP DSI 9577-011

Location:

PPP rev:

DNPT PPI 78176

140

QC21- Final Inspection - Work Order Release

0.00

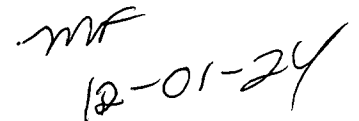
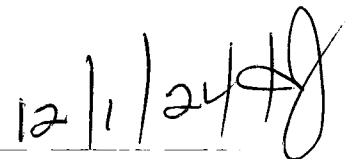
140

QC

Memo

0.00

Quality Control



Picklist Print

January-24-12 7:55:57 AM

Page 1

Work Order ID: 79219

Parent Item: DSI 9577-011

Parent Item Name: Cushion Installation

Start Date: 1/23/12

Required Date: 1/24/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 11.11.22 NEW ISSUE DD VERF:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

| | | | | | | | | | | | | | |
|--------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D4404-1 Cushion | | Manufactured | No | | | 110 | Each | 9.0000 | 1 | 1 | | | |
|--------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

| | | |
|--------|---|--|
| ST242A | 9 | |
|--------|---|--|

| | | |
|-------|---|--|
| 75181 | 7 | |
|-------|---|--|

| | | |
|-------|---|--|
| 76569 | 2 | |
|-------|---|--|

| | | | | | | | | | | | | | |
|-------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D4404-5 Cushion, Fwd | | Manufactured | No | | | 110 | Each | 6.0000 | 1 | 1 | | | |
|-------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
|----------|---------|----------|

| | | |
|----|---|--|
| WA | 6 | |
|----|---|--|

| | | |
|-------|---|--|
| 76899 | 6 | |
|-------|---|--|

| | | | | | | | | | | | | | |
|--------------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D4404-7 Cushion, Upper Side | | Manufactured | No | | | 110 | Each | 0.0000 | 1 | 1 | | | |
|--------------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|

| | | | | | | | | | | | | | |
|--------------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|
| D4404-9 Cushion, Lower Side | | Manufactured | No | | | 110 | Each | 0.0000 | 1 | 1 | | | |
|--------------------------------|--|--------------|----|--|--|-----|------|--------|---|---|--|--|--|

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-794 REV. C OR EARLIER AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-794 REV. 2 OR EARLIER

REF. TCCA STC: SH05-4
REF. EASA STC: 10031514
REF. BRAZIL STC: 2002S09-07/-08
REF. AUSTRALIAN STC: ASR063SY

REFERENCE ONLY

PURPOSE:

TO PROVIDE INSTRUCTIONS THAT ALLOW INSTALLATION OF D4404-1/-5/-7/-9 NEOPRENE CUSHIONS
TO PREVENT THE D4055-041 AUX. FUEL TANK FROM CHAFING IN SERVICE.

CHANGE:

D350-794-011, D130-794-021, AND D350-794-041 KITS AT CHG 005 OR LATER ARE SUPPLIED TO
CUSTOMERS/OPERATORS WITH D4404-1/-5/-7/-9 NEOPRENE CUSHIONS INSTALLED ON D4055-041
AUXILIARY FUEL TANK. CUSTOMERS/OPERATORS WITH D130-794-021 AND D350-794-041 KITS AT
CHG 004 AND EARLIER CAN PROCURE DSI-9577-011 KIT FROM DART TO UPGRADE THEIR KITS.

PARTS LIST:

| QTY -011 | PART NUMBER | DESCRIPTION |
|-------------|--------------|----------------------|
| X | DSI-9577-011 | CUSHION INSTALLATION |
| 1 | D4404-1 | CUSHION |
| 1 | D4404-5 | CUSHION, FWD |
| 1 | D4404-7 | CUSHION, UPPER SIDE |
| 1 | D4404-9 | CUSHION, LOWER SIDE |

INSTALLATION:

INSTALL THE D4404-1/-5/-7/-9 CUSHIONS IN ACCORDANCE WITH FIGURE 1 OF THIS SERVICE
INSTRUCTIONS AFTER COMPLETING STEP 5.2.8 OF THE ANNUAL/100 HOUR INSPECTION OF ICA-
D350-794 BY APPLYING A THIN, UNIFORM LAYER OF CONTACT CEMENT (3M 1300/1301 SCOTCHGRIP
ADHESIVE OR EQUIVALENT). TRIM TO FIT IF REQUIRED.

WEIGHT AND BALANCE:

THE FOLLOWING TABLE LISTS THE NEW WEIGHT AND BALANCE OF THE -011/-021 KITS AT CHG 005
OR LATER OR AFTER DSI-9577-011 KIT HAS BEEN INSTALLED.






| INSTALLATION | WEIGHT | LATERAL | | LONGITUDINAL | |
|---|--------------------|---------------------|----------------------------|--------------------|---------------------------|
| | | ARM | MOMENT | ARM | MOMENT |
| D350-794-011 AUXILIARY FUEL TANK (CHG 005) (AS350 MODELS) | 32.7 lb 14.8 kg | -22.0 in -0.56 m | -719.4 in-lb -8.29 m-kg | 126.0 in 3.20 m | 4120.2 in-lb 47.4 m-kg |
| D130-794-021 AUXILIARY FUEL TANK (CHG 005) (EC130 MODELS) | 32.7 lb 14.8 kg | -23.6 in -0.60 m | -771.7 in-lb -8.88 m-kg | 126.0 in 3.20 m | 4120.2 in-lb 47.4 m-kg |

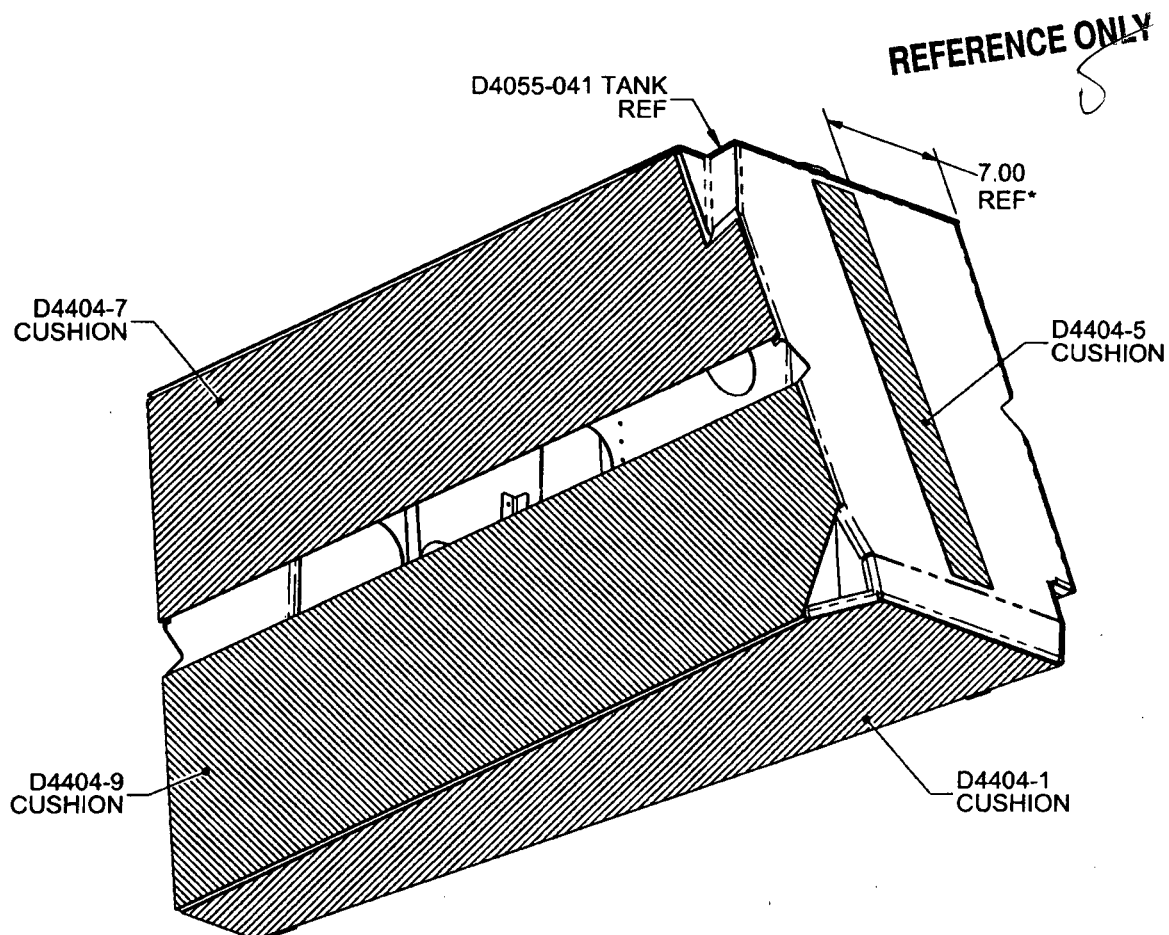
CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 11.10.21
CERT. NO.: SH05-4
ISSUE NO.: 2

| | | | |
|------------|---|--|--------------|
| A | NEW ISSUE | MB | 11.10.04 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN |  | DART AEROSPACE LTD | |
| DRAWN |  | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9577 | SHEET 1 OF 2 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | CUSHION INSTALLATION | NTS |
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*: ALIGN D4404-5 WITH FORWARD RESTRAINT BEAM (EXISTING ON AS350, D4005-3 ON EC130)

FIGURE 1 - CUSHION INSTALLATION

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 11.10.21
CERT. NO.: SH05-4
ISSUE NO.: 2

| | | | |
|------------|--------------------|--|--------|
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| DRAWN | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>[Signature]</i> | DRAWING NO. DSI 9577 | REV. A |
| MFG. APPR. | N/A | SHEET 2 OF 2 | |
| APPROVED | <i>[Signature]</i> | TITLE | SCALE |
| DE APPR. | <i>[Signature]</i> | CUSHION INSTALLATION | NTS |
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